

## ABSTRACT

An automatic transmission has a first axis (input axis) 102 for inputting the power, a second axis (output axis or counter axis) 103 for outputting the driving force source, at least one or more first gear group which consists of drive gears 111, 112 fixed on the first axis, and a driven gear 122 provided so as to engage or run idle with respect to the second axis with being engaged with the drive gear, and at least one or more second gear group which consists of driven gears 123, 124, 125 fixed on the second axis, and a drive gear 114, 115 provided so as to engage or run idle with respect to the first axis with being engaged with the driven gear. The automatic transmission further comprises a torque transferring mechanism 140 for transferring the torque between said driven gear which can run idle with respect to the second axis and the driven gear fixed to the second axis.